

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/051,345  
Source: IFW016  
Date Processed by STIC: 11-17-04

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 11/17/2004

PATENT APPLICATION: US/10/051,345

TIME: 09:48:29

Input Set : A:\PTO.LM.TXT

Output Set: N:\CRF4\11172004\J051345.raw

```

3 <110> APPLICANT: Fung, Yuen Kai
4      Gomer, Charles
5      Ang, Anne T'
7 <120> TITLE OF INVENTION: Methods To Enhance And Confine Expression of Genes
9 <130> FILE REFERENCE: D6087D
11 <140> CURRENT APPLICATION NUMBER: 10/051,345
12 <141> CURRENT FILING DATE: 2002-01-18
13 <150> PRIOR APPLICATION NUMBER: 60/096,947
14 <151> PRIOR FILING DATE: 1998-08-18
16 <160> NUMBER OF SEQ ID NOS: 9
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 441
20 <212> TYPE: DNA
21 <213> ORGANISM: Unknown
23 <220> FEATURE:
25 <221> NAME/KEY: exon
26 <223> OTHER INFORMATION: sequence encoding N-terminus (amino acids 1-147)
27      DNA-binding domain of yeast GAL4 protein
29 <400> SEQUENCE: 1
30 atgaagctac tgtcttctat cgaacaagca tgcgatatatt gccgacttaa      50
31 aaagctcaag tgctccaaag aaaaaccgaa gtgcgccaag tgtctgaaga      100
32 acaactggga gtgtcgctac tctcccaaaa ccaaaaggct tccgctgact      150
33 agggcacatc tgacagaagt ggaatcaagg ctagaaagac tggaacagct      200
34 atttctactg atttttctc gagaaagacct tgacatgatt ttgaaaatgg      250
35 attctttaca ggatataaaa gcattgttaa caggattatt tgtacaagat      300
36 aatgtgaata aagatgccgt cacagataga ttggcttcag tggagactga      350
37 tatgcctcta acattgagac agcatagaat aagtgcgaca tcatcatcgg      400
38 aagagagtag taacaaaggc caaagacagt tgactgtatc g              441
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 315
42 <212> TYPE: DNA
43 <213> ORGANISM: Unknown
45 <220> FEATURE:
47 <221> NAME/KEY: exon
48 <223> OTHER INFORMATION: sequence encoding basic helix-loop-helix leucine
49      zipper domain of Max (amino acids 8-112)
51 <400> SEQUENCE: 2
52 gaggtggaga gcgacgaaga gcaaccgagg tttcaatctg cggctgacaa      50
53 acgggctcat cataatgcac tggaacgaaa acgtagggac cacatcaaag      100
54 acagctttca cagtttgagg gactcagtc catcactcca aggagagaag      150
55 gcatcccgga cccaaatcct agacaaagcc acagagtata tccagtatat      200
56 gcgaaggaaa aaccacacac accagcaaga tattgacgac ctcaagcggc      250
57 agaatgctct tctggagcag caagtccgtg cactggagaa ggcgaggcca      300

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58 agtgcccaac tgcag                                     315
60 <210> SEQ ID NO: 3
61 <211> LENGTH: 33
62 <212> TYPE: DNA
63 <213> ORGANISM: Unknown
65 <220> FEATURE:
67 <221> NAME/KEY: exon
68 <223> OTHER INFORMATION: sequence encoding the first 11 amino acids of Gal4
70 <400> SEQUENCE: 3
71 atgaagctac tgtcttctat cgaacaagca tgc                 33
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 387
75 <212> TYPE: DNA
76 <213> ORGANISM: Unknown
78 <220> FEATURE:
80 <221> NAME/KEY: exon
81 <223> OTHER INFORMATION: sequence encoding the C-terminus transactivation
82 domain of herpes simplex viral protein VP16
84 <400> SEQUENCE: 4
85 gcgtacagcc gcgcgcgtac gaaaaacaat tacgggtcta ccatcgaggg 50
86 cctgctcgat ctcccggacg acgacgcccc cgaagaggcg gggctggcgg 100
87 ctccgcgcct gtcttttctc cccgcgggac acacgcgcag actgtcgacg 150
88 gcccccccgca ccgatgtcag cctgggggac gagctccact tagacggcga 200
89 ggacgtggcg atggcgcatg ccgacgcgct agacgatttc gatctggaca 250
90 tggtggggga cggggattcc ccgggtccgg gatttaccac ccacgactcc 300
91 gcccctacg gcgctctgga tatggccgac ttcgagtttg agcagatgtt 350
92 taccgatgcc cttggaattg acgagtacgg tgggtag              387
94 <210> SEQ ID NO: 5
95 <211> LENGTH: 270
96 <212> TYPE: DNA
97 <213> ORGANISM: Unknown
99 <220> FEATURE:
101 <221> NAME/KEY: exon
102 <223> OTHER INFORMATION: sequence encoding the basic helix-loop-helix
103 leucine zipper domain of c-Myc
105 <400> SEQUENCE: 5
106 accgaggaga atgtcaagag gcgaacacac aacgtcttgg agcgccagag 50
107 gaggaacgag ctaaaacgga gcttttttgc cctgcgtgac cagatcccgg 100
108 agttggaaaa caatgaaaag gcccacaagg tagttatcct taaaaaagcc 150
109 acagcataca tcctgtccgt ccaagcagag gagcaaaagc tcatttctga 200
110 agaggacttg ttgcggaaac gacgagaaca gttgaaacac aaacttgaac 250
111 agctacggaa ctcttgtgcg
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 17
115 <212> TYPE: DNA
116 <213> ORGANISM: Unknown
118 <220> FEATURE:
120 <221> NAME/KEY: protein_bind
121 <223> OTHER INFORMATION: a 17-mer DNA-binding site for Gal4

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123 <400> SEQUENCE: 6
124 cggaggactg tcctccg          17
126 <210> SEQ ID NO: 7
127 <211> LENGTH: 1008
128 <212> TYPE: DNA
129 <213> ORGANISM: Unknown
131 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <223> OTHER INFORMATION: TET-ON sequence
136 <400> SEQUENCE: 7
137 atgtctagat tagataaaaag taaagtgatt aacagcgcat tagagctgct 50
138 taatgaggctc ggaatcgaag gtttaacaac ccgtaaactc gcccagaagc 100
139 ttgggtgtaga gcagcctaca ctgtattggc atgtaaaaaa taagcgggct 150
140 ttgctcgacg ccttagccat tgagatgtta gataggcacc atactcactt 200
141 ttgcccttta aaaggggaaa gctggcaaga ttttttacgc aataacgcta 250
142 aaagtttttag atgtgcttta ctaagtcatc gcaatggagc aaaagtacat 300
143 tcagatacac ggcctacaga aaaacagtat gaaactctcg aaaatcaatt 350
144 agccttttta tgccaacaag gtttttcact agagaacgcg ttatatgcac 400
145 tcagcgctgt ggggcatttt acttttaggtt gcgtattgga agatcaagag 450
146 catcaagtcg ctaaagaaga aagggaacaa cctactactg atagtatgcc 500
147 gccattatta cgacaagcta tcgaattatt tgatcaccaa ggtgcagagc 550
148 cagccttctt attcggcctt gaattgatca tatgcggatt agaaaaacaa 600
149 cttaaagtgt aaagtgggtc cgcgtacagc cgcgcgcgta cgaaaaacaa 650
150 ttacgggtct accatcgagg gcctgctcga tctcccggac gacgacgccc 700
151 ccgaagaggc ggggctggcg gctcgcgcgc tgtcctttct ccccgcgggg 750
152 cacacgcgca gactgtcgac ggcccccccg accgatgtca gcctggggga 800
153 cgagctccac ttagacggcg aggacgtggc gatggcgcat gccgacgcgc 850
154 tagacgattt cgatctggac atgttggggg acggggattc cccgggtccg 900
155 ggatttaccc cccacgactc cgccccctac ggcgctctgg atatggccga 950
156 cttcgagttt gagcagatgt ttaccgatgc ccttgggaatt gacgagtacg 1000
157 gtgggtag                                     1008
159 <210> SEQ ID NO: 8
160 <211> LENGTH: 80
161 <212> TYPE: DNA
162 <213> ORGANISM: Unknown
164 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <223> OTHER INFORMATION: the first 80 bases of TET-ON sequence
169 <400> SEQUENCE: 8
170 atgtctagat tagataaaaag taaagtgatt aacagcgcat tagagctgct 50
171 taatgaggctc ggaatcgaag gtttaacaac                                     80
173 <210> SEQ ID NO: 9
174 <211> LENGTH: 621
175 <212> TYPE: DNA
176 <213> ORGANISM: Unknown
178 <220> FEATURE:
180 <221> NAME/KEY: exon
181 <223> OTHER INFORMATION: sequence encoding tet repressor (amino acids 1-207)
183 <400> SEQUENCE: 9

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184 atgtctagat tagataaaag taaagtgatt aacagcgcat tagagctgct 50
185 taatgaggtc ggaatcgaag gtttaacaac ccgtaaactc gcccagaagc 100
186 ttggtgtaga gcagcctaca ctgtattggc atgtaaaaaa taagcgggct 150
187 ttgctcgacg ccttagccat tgagatgtta gataggcacc atactcactt 200
188 ttgcccttta aaaggggaaa gctggcaaga ttttttacgc aataacgcta 250
189 aaagtttttag atgtgcttta ctaagtcacg gcaatggagc aaaagtacat 300
190 tcagatacac ggcctacaga aaaacagtat gaaactctcg aaaatcaatt 350
191 agccttttta tgccaacaag gtttttcact agagaacgcg ttatatgcac 400
192 tcagcgtgtg ggggcatttt actttagggt gcgtattgga agatcaagag 450
193 catcaagtcg ctaaagaaga aagggaaaca cctactactg atagtatgcc 500
194 gccattatta cgacaagcta tcgaattatt tgatcaccaa ggtgcagagc 550
195 cagccttctt attcggcctt gaattgatca tatgcggatt agaaaaacaa 600
196 cttaaattgt aaagtgggtc c 621
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/051,345

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Input Set : A:\PTO.LM.TXT

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